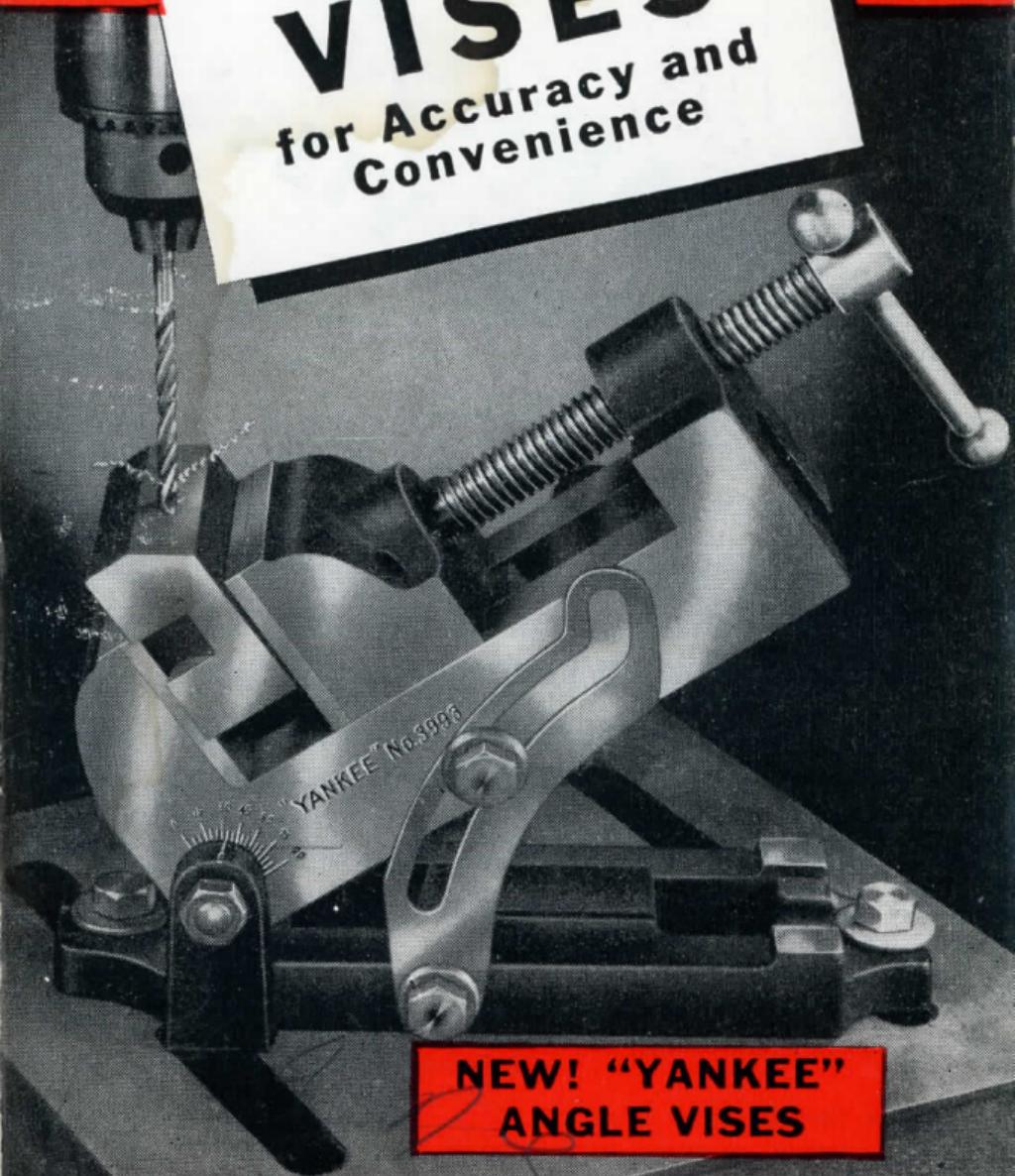


"YANKEE"[®] VISES

for Accuracy and
Convenience



NEW! "YANKEE"
ANGLE VISES

WATERSTON'S

"The Home of Good Tools"

28 East Larned St. Phone WOODWARD 2-8650
DETROIT 26, MICHIGAN

"YANKEE" TOOLS... NOW PART OF
THE TOOL BOX OF THE WORLD

STANLEY

®



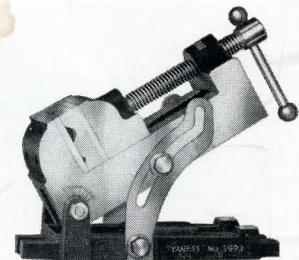
"Yankee" Angle Vises because of their unique design and construction features are especially adapted to machine shop practice. Wedges, blocks and cumbersome make-shift set-ups are eliminated at great savings of time and money. When production schedules must be met "Yankee" Angle Vises get first call in the Tool Room and Engineering Dept.

	No. 3992 Without Swivel Base	No. 3993 With Swivel Base	No. 4992 Without Swivel Base	No. 4993 With Swivel Base
Base, Length.....	6"	8½"	6"	8½"
Base, Width.....	2¾"	3⅝"	2¾"	3⅝"
Jaws, Open.....	1⅕₁₆"	3⅜"	1⅕₁₆"	3⅛"
Jaws, Depth.....	1¾"	1⅞"	1¼"	1⅞"
Jaws, Width.....	2"	2¾"	2"	2¾"
Width, over all.....	2¾"	4⅓"	4¾"	6¾"
Length, over all.....	6½"	9¼"	6½"	9¼"
Swivel Base, Diameter.....	—	—	3¼"	4½"
Net Weight.....	5⅔ lbs.	13⅖ lbs.	7⅓ lbs.	17⅓ lbs.

FOUR HANDY ANGLE VISSES WITH AND WITHOUT SWIVEL BASE

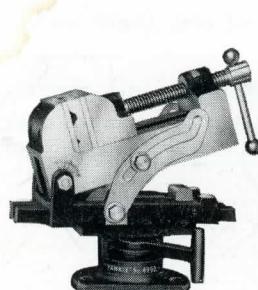


No. 3992



No. 3993

Without Swivel Base . . . indispensable for quick set-up where the job demands speed and accuracy . . . for work that must be machined at an angle. Made in two sizes.

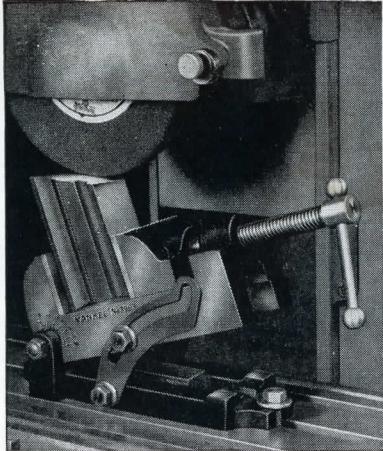


No. 4992



No. 4993

With Swivel Base . . . for those difficult angle jobs — drilling, milling, sawing, grinding and filing. Made in two sizes.

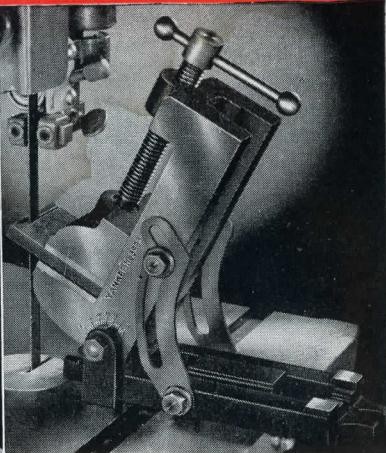


GRINDING — For those accurate grinding jobs "Yankee" Angle Vises save time and labor in setting up. Angle position rigidly held.

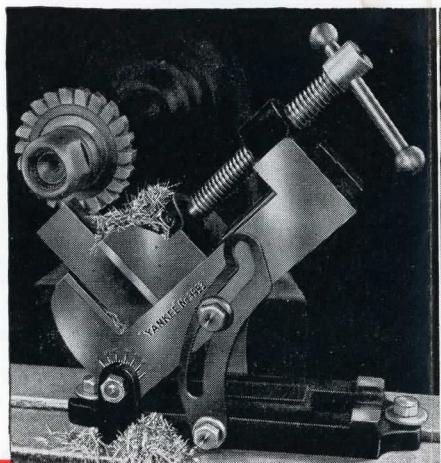
Illustration shows form tool being ground on 20° angle.



DRILLING — For accurate, convenient, speedy drilling, tapping and reaming use "Yankee" Angle Vise. Illustration shows rectangular block being drilled at 35° angle.



SAWING — When sawing mitres, bevels and difficult angles, hold the work true to line in a "Yankee" Angle Vise.



MILLING — Reduce set-up costs. "Yankee" Angle Vises are accurately machined for use on milling machine. Angle position securely maintained by positive adjustment lock.

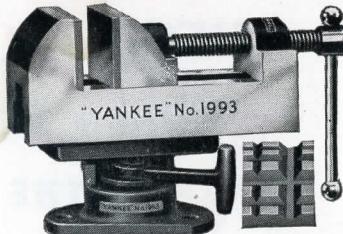


FILING ON BENCH — Work is firmly held at desired angle by positive adjusting lock. Lever locking device permits "Yankee" Angle Vise to be quickly and easily removed from swivel base for work on bench or machine.

"YANKEE" VISSES WITH AND WITHOUT SWIVEL BASES

ON THE BENCH
for filing, fitting,
marking and hand
work.

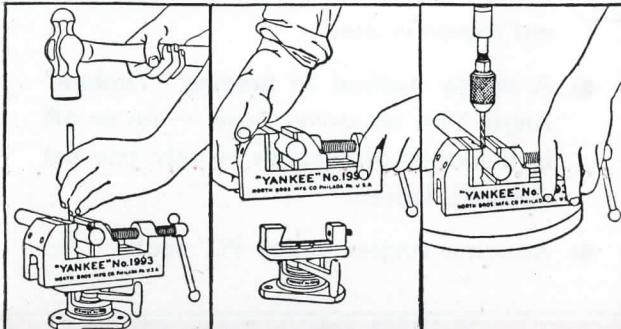
"Yankee" Vises are accurately machined so they may be used either on side or end as well as on base. Hardened steel block with V-shaped grooves is provided for holding round stock.



ON THE MACHINE
for drilling, milling,
etc.

For use in machine shops,
experimental work, garages,
home workshops, tool rooms,
vocational schools.

A handy bench Vise . . . without disturbing the work . . .
changes into an accurate machine Vise.



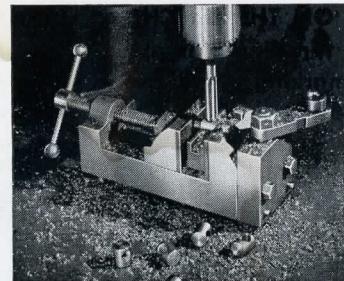
JIGS AT LOW COST

"Yankee" Vises are a real economy in any shop.

The above illustration is a typical example of convenience and utility. There are numerous such jobs, especially where the need is for speed . . . and accuracy. Each and every "Yankee" Vise is carefully machined on sides, base and front end so that it fits square and true on face of Drill Press, Milling Machine, Grinder or other machines. "Yankee" Vises are made in various sizes with and without swivel base. There is a size for every purpose — Milling, Drilling, Grinding, Filing and laying out those intricate jobs.

Without Swivel Base:	No. 991	No. 992	No. 993	No. 994
Base, Length.....	3 $\frac{5}{8}$ "	4 $\frac{7}{8}$ "	7 $\frac{1}{4}$ "	10 $\frac{1}{2}$ "
Base, Width.....	1 $\frac{1}{2}$ "	2"	2 $\frac{3}{4}$ "	4"
Jaws, Opening.....	1 $\frac{1}{2}$ "	1 $\frac{15}{16}$ "	3"	4"
Jaws, Depth.....	$\frac{7}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{7}{8}$ "	2 $\frac{1}{8}$ "
Jaws, Width.....	1 $\frac{1}{2}$ "	2"	2 $\frac{3}{4}$ "	4"
Height, over all.....	1 $\frac{1}{2}$ "	2 $\frac{1}{16}$ "	3"	4 $\frac{1}{8}$ "
Length, over all.....	4 $\frac{5}{8}$ "	6"	8 $\frac{3}{4}$ "	12 $\frac{1}{4}$ "
Net Weight.....	1lb. 6oz.	3lb. 6oz.	9lb. 2oz.	28lb. 6oz.

With Swivel Base:	No. 1991	No. 1992	No. 1993	No. 1994
Swivel Base, Diam....	2 $\frac{1}{2}$ "	3 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "
Height, over all.....	3 $\frac{1}{8}$ "	4 $\frac{1}{8}$ "	6 $\frac{3}{4}$ "	7 $\frac{5}{8}$ "
Net Weight.....	2lb. 6oz.	5lb. 7oz.	13lb. 6oz.	41lb.



"YANKEE" VISSES WITH AND WITHOUT SWIVEL BASES

ON THE BENCH
for filing, fitting,
marking and hand
work.

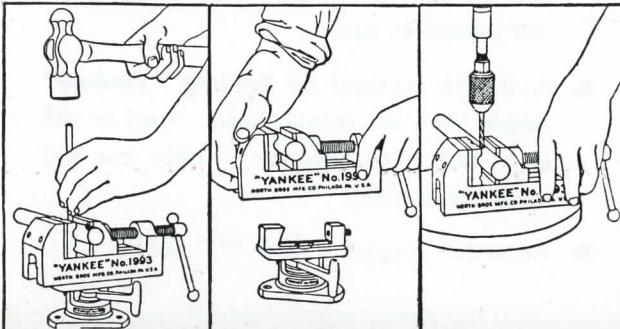
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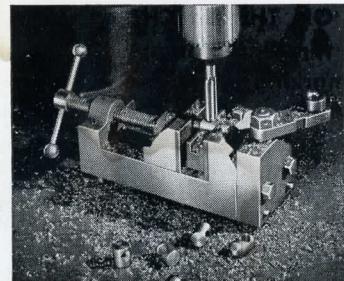
The above illustration is a typical example of convenience and utility. There are numerous such jobs, especially where the need is for speed . . . and accuracy. Each and every "Yankee" Vise is carefully machined on sides, base and front end so that it fits square and true on face of Drill Press, Milling Machine, Grinder or other machines. "Yankee" Vises are made in various sizes with and without swivel base. There is a size for every purpose — Milling, Drilling, Grinding, Filing and laying out those intricate jobs.

Without Swivel Base: No. 991 No. 992 No. 993 No. 994

Base, Length.....	3 $\frac{5}{8}$ "	4 $\frac{7}{8}$ "	7 $\frac{1}{4}$ "	10 $\frac{1}{2}$ "
Base, Width.....	1 $\frac{1}{2}$ "	2"	2 $\frac{3}{4}$ "	4"
Jaws, Opening.....	1 $\frac{1}{2}$ "	1 $\frac{15}{16}$ "	3"	4"
Jaws, Depth.....	7/8"	1 $\frac{1}{4}$ "	1 $\frac{7}{8}$ "	2 $\frac{1}{8}$ "
Jaws, Width.....	1 $\frac{1}{2}$ "	2"	2 $\frac{3}{4}$ "	4"
Height, over all.....	1 $\frac{1}{2}$ "	2 $\frac{1}{16}$ "	3"	4 $\frac{1}{8}$ "
Length, over all.....	4 $\frac{5}{8}$ "	6"	8 $\frac{3}{4}$ "	12 $\frac{1}{4}$ "
Net Weight.....	1lb. 6oz.	3lb. 6oz.	9lb. 2oz.	28lb. 6oz.

With Swivel Base: No. 1991 No. 1992 No. 1993 No. 1994

Swivel Base, Diam....	2 $\frac{1}{2}$ "	3 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "
Height, over all.....	3 $\frac{1}{8}$ "	4 $\frac{1}{8}$ "	6 $\frac{3}{4}$ "	7 $\frac{5}{8}$ "
Net Weight.....	2lb. 6oz.	5lb. 7oz.	13lb. 6oz.	41lb.



CHECK

These Features ON THE NEW "YANKEE" ANGLE VISES

- "Yankee" method of angle adjustment does not interfere with full capacity of jaw opening.
- "V" Block holds round stock firmly.
- Jaws have case hardened face plates — this means long wear.
- Swivel Base securely locked in any position by simple movement of lever. Cannot loosen in use.
- A simple method of holding "Yankee" Angle Vise on swivel base — on or off in a matter of seconds — only one set screw to loosen.
- Accurate Angles — full 90° scale.

NORTH BROS. MFG. CO.
Division of Stanley Tools
Philadelphia 33, Pa., U. S. A.